

PLANT MECHANIC (SBP)

Purpose:

To actively support and uphold the City's stated mission and values. To perform a variety of skilled and semi-skilled maintenance, repair and mechanical design activities in support of water and wastewater system facility and equipment.

Positions in this class may additionally be given the opportunity, or required, to learn and perform duties in other skill/trade areas (i.e. skill blocks) including: water plant operations, wastewater plant operations, electrical work, and/or automated instrumentation and control work.

Supervision Received and Exercised:

Receives general supervision from the plant team leader, or other supervisory staff.

May act as a subject matter expert to assist in training other staff.

Examples of Duties:

This class specification is intended to indicate the basic nature of positions allocated to the class and examples of typical duties that may be assigned. It does not imply that all positions within the class perform all of the duties listed, nor does it necessarily list all possible duties that may be assigned.

Duties may include, but are not limited to, the following:

- Maintain and repair water or wastewater treatment plant pumps and feeder systems; maintain booster stations; check valves, pumps, motors, and air lines; install bearings in shafts and motors.
- Maintain pumping stations; maintain and repair pumps; replace bearings, valves, seals and sleeves, and repack pumps.
- Perform regularly scheduled preventive maintenance work on plant and pumping station equipment; maintain comprehensive logs of all maintenance work done on equipment.

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• Design and/or modify existing equipment and systems as needed; prepare reports and sketches of installations or changes.

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Repair chlorinating and metering equipment; change chlorine cylinders.

Maintain air compressors

• Weld, cut, fabricate, braze and repair heavy equipment parts; lay out marks and

weld light and heavy gauge metals.

May operate equipment such as forklifts, trenchers, bucket-lifts, small vac-

equipment, and dump trucks.

Maintain spare parts and supplies for all plant and auxiliary station equipment.

Provide input in identifying, developing and writing annual team goals as part of

the skill based pay team pay bonus.

Assist in on-the-job training for co-workers in skill blocks in assigned core job.

Install and clean sand traps.

 Prepare reports of rolling stock and equipment usage, time and materials and facility breakdown; may update information into the Computer Maintenance

Management System (CMMS).

Perform related duties as assigned.

Experience and Training Guidelines:

Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. The hiring department may include job related experience, training or license and certification preferences at the time of

recruitment. A typical way to obtain the knowledge and abilities would be:

Experience:

Two years of field maintenance, water and wastewater plant maintenance, water distribution, wastewater collection or other mechanical maintenance experience. Mechanical maintenance and repair work with pumps, compressors, engines, and

related equipment at a water or wastewater utility preferred.

Training:

Revised November 2000 Effective February 2000

Revised February 20022 (Updated Licenses/Certifications)

Revised November 2004 (Eliminated CDL requirement under Licenses/Certifications)

Revised August 2006 (Update Experience/CDL requirement)

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Equivalent to the completion of the twelfth grade supplemented by specialized training in the areas of mechanical maintenance and repair.

Licenses/Certifications:

Requires the possession of a valid driver's license.

Positions assigned to the field sites (wells, lift stations, etc) may be required to have a CDL license with a Hazmat Endorsement.

Required to obtain, within 18 months of hire, a Grade I water or wastewater treatment, collection, and/ or distribution certificate(s) (as appropriate to the assignment) issued by the State of Arizona.

This position is included in the City's classified service, pursuant to City of Tempe Personnel Rules and Regulations, Rule 1, Section 103.

Job Code: 462

FLSA: Non-Exempt